

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 7,032,048 B2
APPLICATION NO. : 09/916513
DATED : April 18, 2006
INVENTOR(S) : Karen Appleby et al.

Page 1 of 9

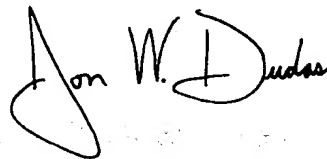
It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Delete the title page and substitute therefore the attached title page.

Delete the Drawing Sheets 1-7 and substitute therefore the attached Drawing Sheets 1-7.

Signed and Sealed this

Twenty-first Day of November, 2006

A handwritten signature in black ink, appearing to read "Jon W. Dudas". The signature is stylized with a large, looped initial "J" and a cursive "Dudas".

JON W. DUDAS
Director of the United States Patent and Trademark Office

(12) **United States Patent**
Appleby et al.

(10) Patent No.: **US 7,032,048 B2**
 (45) Date of Patent: **Apr. 18, 2006**

(54) **METHOD, SYSTEM, AND PROGRAM PRODUCTS FOR DISTRIBUTED CONTENT THROTTLING IN A COMPUTING ENVIRONMENT**

(75) Inventors: **Karen Appleby**, Ossining, NY (US);
Liana Liyow Fong, Irvington, NY (US);
German Sergio Goldszmidt, Dobbs Ferry, NY (US);
Srirama Mandyam Krishnakumar, White Plains, NY (US);
Donald Philip Pazel, Montrose, NY (US)

(73) Assignee: **International Business Machines Corporation**, Armonk, NY (US)

(*) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 465 days.

(21) Appl. No.: **09/916,513**

(22) Filed: **Jul. 30, 2001**

(65) **Prior Publication Data**
 US 2003/0023798 A1 Jan. 30, 2003

(51) Int. Cl.
G06F 13/14 (2006.01)

(52) U.S. CL. **710/240; 710/309; 370/230**

(58) Field of Classification Search **710/240-244, 710/100, 309; 709/226, 225, 229, 235, 200, 709/202-204; 718/105; 370/230-235**
 See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

5,864,870 A 1/1999 Guck
 5,918,017 A 6/1999 Attanasio et al.

5,926,798 A 7/1999 Carter
 5,961,602 A 10/1999 Thompson et al.
 6,006,264 A * 12/1999 Colby et al. 709/226
 6,067,559 A 5/2000 Allard et al.
 6,073,241 A 6/2000 Rosenberg et al.
 6,434,609 B1 * 8/2002 Humphrey 709/218
 6,480,881 B1 * 11/2002 Kubota et al. 709/202
 6,526,448 B1 * 2/2003 Blewett 709/238
 6,598,071 B1 * 7/2003 Hayashi et al. 709/203
 6,667,956 B1 * 12/2003 Beshai et al. 370/238
 6,839,767 B1 * 1/2005 Davies et al. 709/232
 2001/0049727 A1 * 12/2001 Mukherjee et al. 709/219
 2002/0091825 A1 * 7/2002 Shuster 709/226

OTHER PUBLICATIONS

Boivie et al. "System and Method for Enforcing Communications Bandwidth Based Service Level Agreements to Plurality of Customers Hosted on a Clustered Web Service", U.S. Appl. No. 09/943,207.

Appleby-Hougham et al., "Highly Scalable System and Method of Regulating Internet Traffic to Server Farm To Support (MIN, MAX) Bandwidth Usage-Based Service Level Agreement", U.S. Appl. No. 09/543,207.

* cited by examiner

Primary Examiner—Rehana Perveen

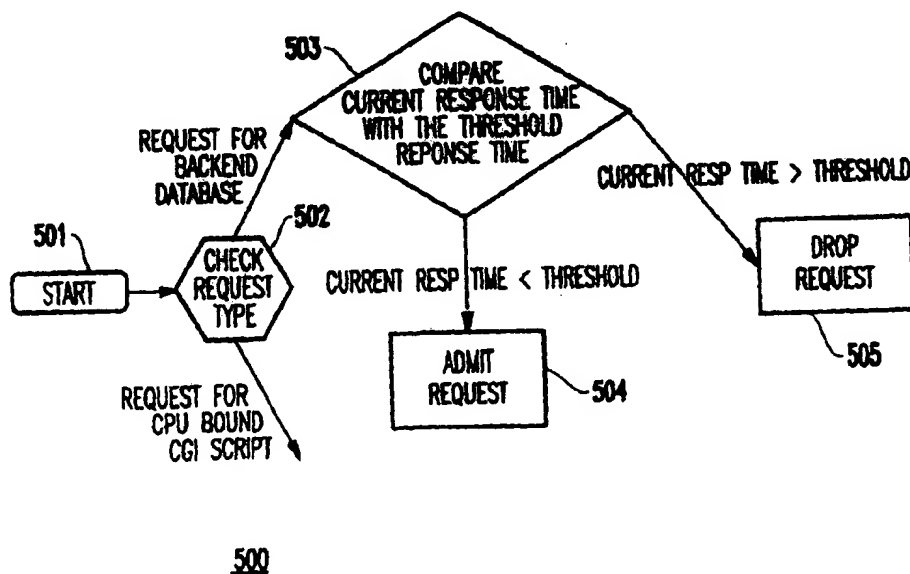
Assistant Examiner—Kim T. Huynh

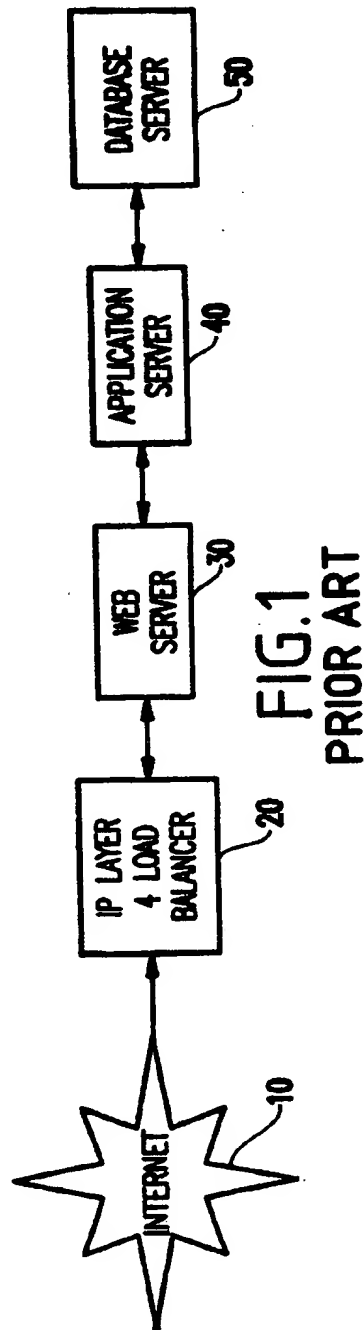
(74) Attorney, Agent, or Firm—McGinn IP Law Group, PLLC; Douglas W. Cameron, Esq.

(57) **ABSTRACT**

A method (and structure) in a computer network of controlling the admittance of requests to at least one processing component, includes differentiating the type of received requests based on the message content in each request. Each request is admitted only if the differentiated type meets at least one criterion for admission.

27 Claims, 7 Drawing Sheets





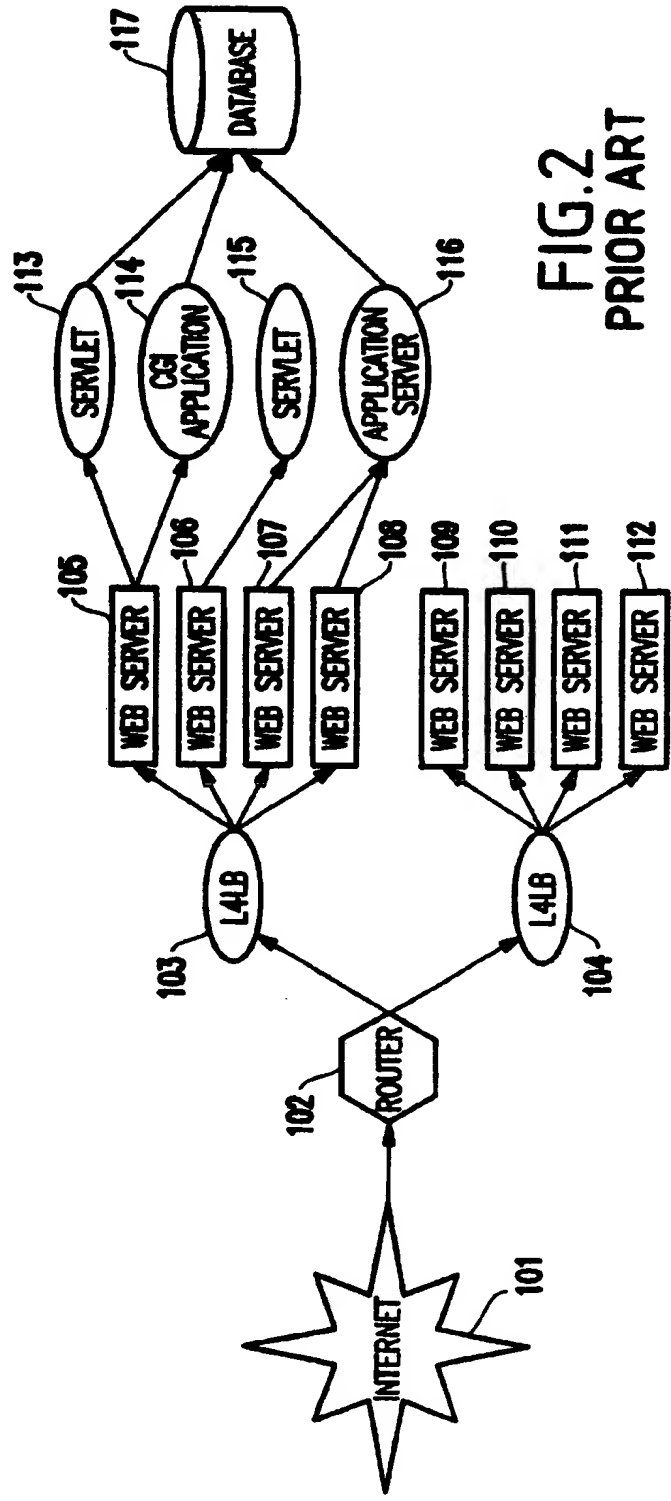
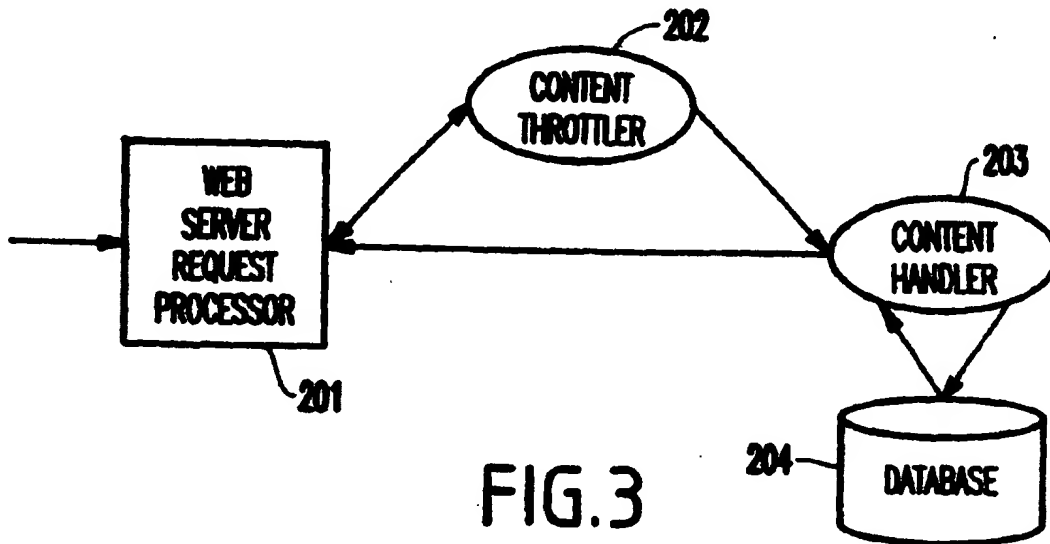
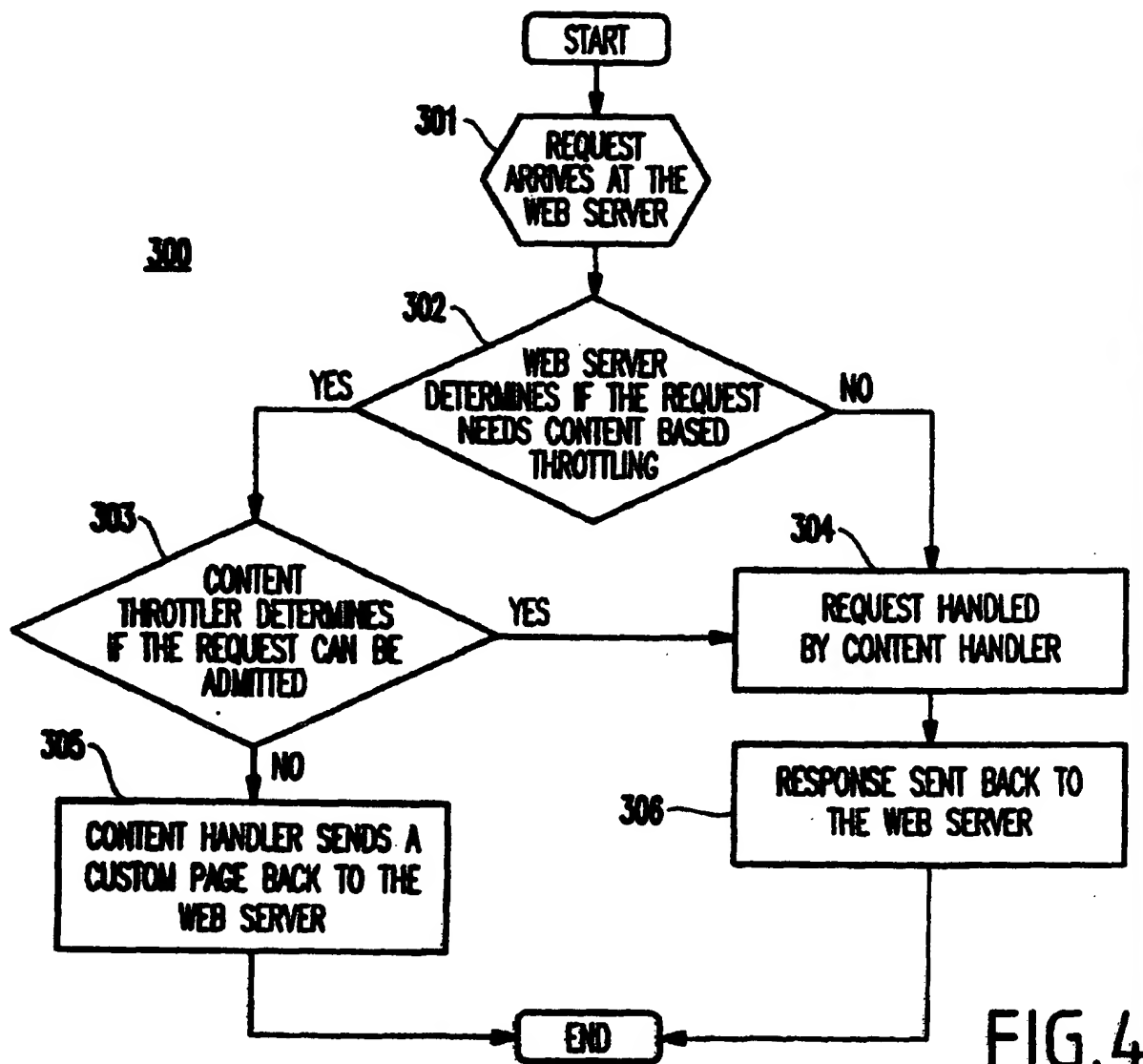
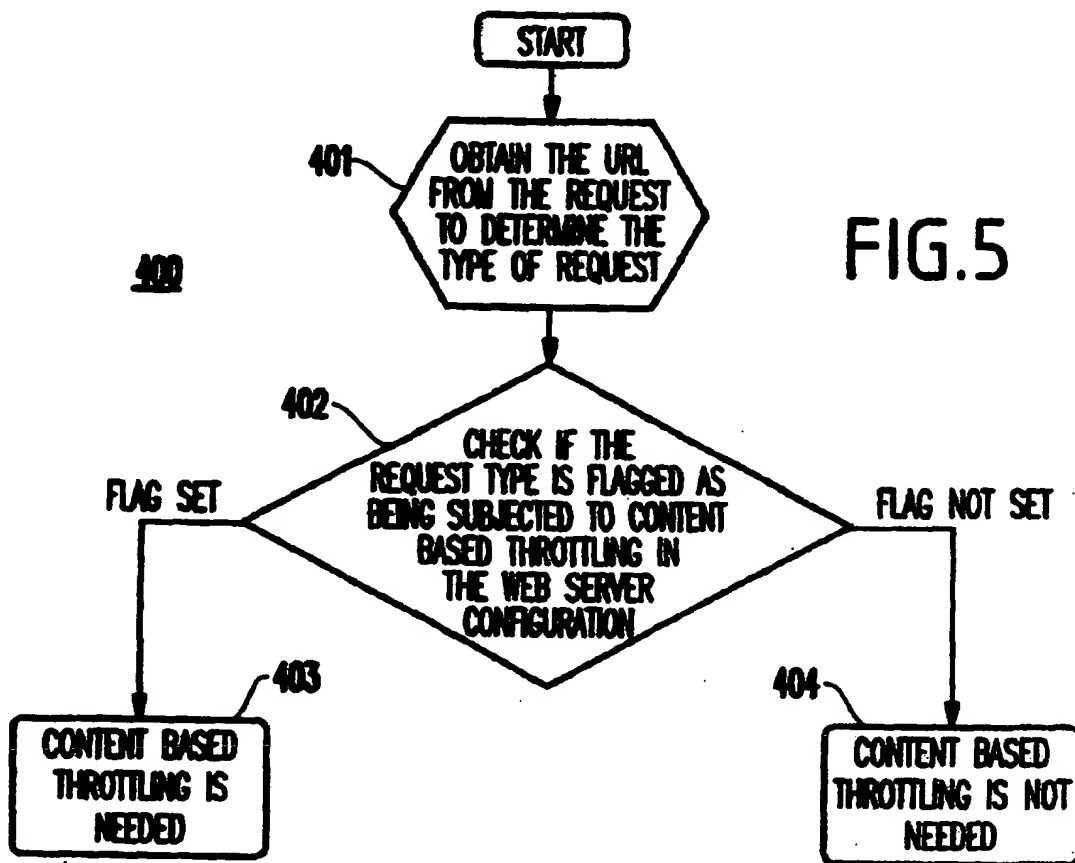


FIG. 2
PRIOR ART







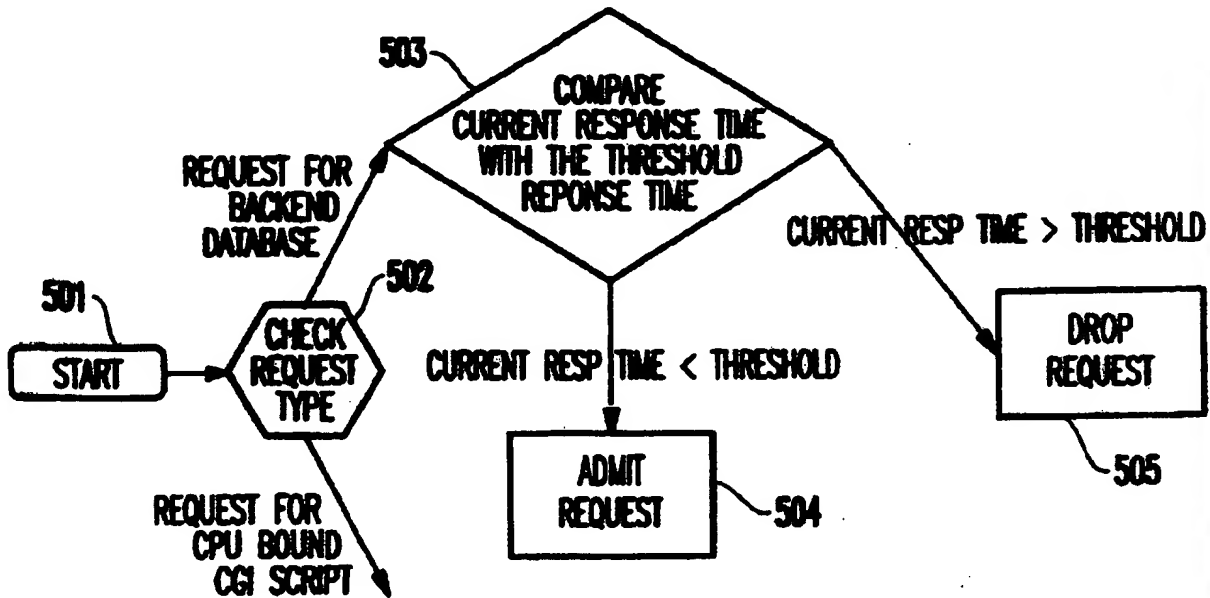


FIG.6

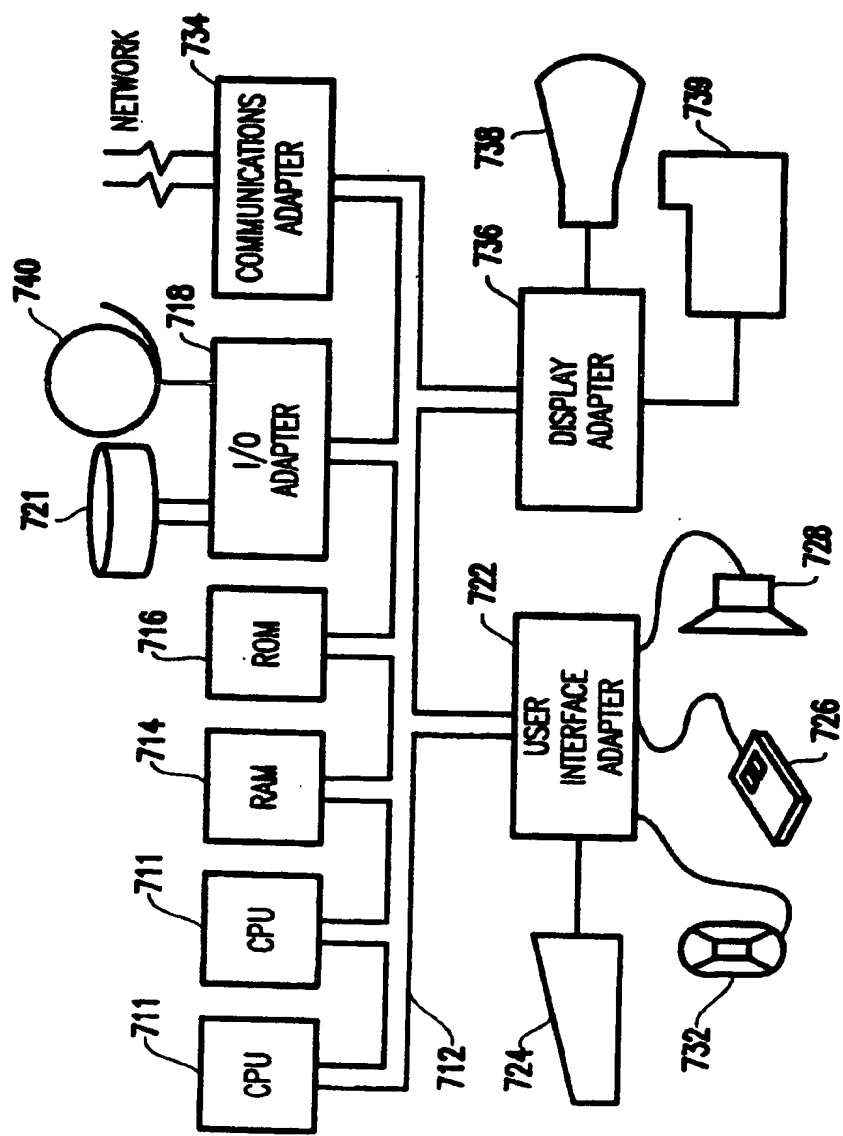


FIG. 7

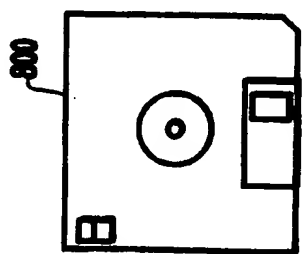


FIG. 8